Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) EP 1 100 243 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 17.03.2004 Bulletin 2004/12

(51) Int CI.7: H04M 1/725

(43) Date of publication A2: 16.05.2001 Bulletin 2001/20

(21) Application number: 00310042.7

(22) Date of filing: 10.11.2000

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 12.11.1999 JP 32343999

(71) Applicant: SONY CORPORATION Tokyo 141 (JP)

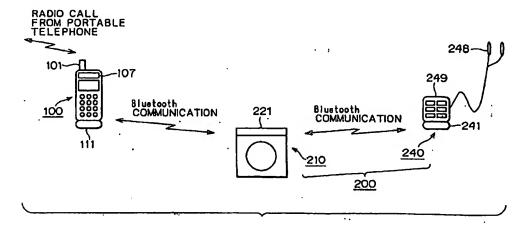
(72) Inventors:

- Ukita, Yoshitaka
 Shinagawa-ku, Tokyo (JP)
- Kakuda, Hiroshi Shinagawa-ku, Tokyo (JP)
- Hattori, Masakazu
 Shinagawa-ku, Tokyo (JP)
- (74) Representative: Turner, James Arthur et al
 D. Young & Co.,
 21 New Fetter Lane
 London EC4A 1DA (GB)
- (54) Telephone set, communication adaptor, home appliance control method, and program recording medium

(57) The invention relates to a telephone set comprises a connection means to execute a connecting process for enabling transmission and reception of an information signal to and from a home appliance such as a general audio device remote-controllable by radio communication; a control means for generating, upon arrival of an incoming call, a remote control signal such as a pause command to the home appliance; and a radio

communication means for sending the remote control signal to the home appliance by radio communication. Thus, upon arrival of an incoming call at the telephone set, the remote control signal is sent to the audio device or the like either directly from the telephone set or via a communication adaptor installed therein, hence pausing or muting the output of the audio device under remote control. Such control action enables a user to perceive the incoming call with facility.

F I G. 1



Printed by Jouve, 75001 PARIS (FR)



EUROPEAN SEARCH REPORT

Application Number EP 00 31 0042

Category	Citation of document with in of relevant passage		elevant claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
X	US 5 920 806 A (GOU 6 July 1999 (1999-0 * column 2, line 48	ESSANT HERVE)	_	14,26	H04M1/725
Y	riguics 1 3		15	12, -25, -37	e.
X	DE 299 12 828 U (LE 11 November 1999 (1 * page 4, paragraph 2 *	AD ELECTRONIC CO E) 999-11-11) 3 - page 5, paragraph	13		
A	* figure 1 *		12	,25,37	
Y	US 5 542 102 A (CHA AL) 30 July 1996 (1		16 20	7-12, -25, ,32-37	
	* column 2, line 16 * column 3, line 53 * figure 1 *	- column 3, line 19 * -63 *		, 32-37	TECHNICAL FIELDS SEARCHED (InLCI.7) HO4M
Y	HAARTSEN J ET AL: "BLUETOOTH: VISION, GOALS, AND ARCHITECTURE" MOBILE COMPUTING AND COMMUNICATIONS REVIEW, ACM, NEW YORK, NY, US, vol. 2, no. 4, 1 October 1998 (1998-10-01), pages 38-45, XP000784002 ISSN: 1091-1669 * page 41, paragraph III.D * * page 44, paragraph IV.A *			4-6, -19, ,29-31	
	The present search report has I	-/ been drawn up for all claims			
	Place of search	Date of completion of the search			Examiner
	MUNICH	16 January 2004		Kan	ilis, A
X:par Y:par doo: A:ted	ATEGORY OF CITED DOCUMENTS ticularly relevant if Laken alone ticularly relevant if combined with another to the same category hnological background newtited misclosure	T: theory or prince E: earlier patent c after the filing o	ple undi ocumer ata 1 in the i	erlying the int, but public expolication er reasons	nvention shed on, or

2



EUROPEAN SEARCH REPORT

Application Number EP 00 31 0042

ategory	Citation of document with in of relevant passag		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)	
1	GB 2 308 775 A (NIP 2 July 1997 (1997-0 * page 10, line 1-2 * page 12, line 8-2 * figures 1,2 *	7-02) 3 *	1,3,9-12		
	·				
•			3	TECHNICAL FIELDS SEARCHED (Int.CL7)	
	·				
				· .	
	The present search report has	been drawn up for all claims	1		
	Place of search	Date of completion of the search	1-1	Examiner	
MUNICH		16 January 2004	Kan	anlis, A	
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken atons Y: particularly relevant if corribined with another document of the same category		T : theory or princip E : earlier patent do after the filing de	ele underlying the in ocument, but publicate in the application	rvention	

3

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 00 31 0042

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

16-01-2004

Petent document cited in search rep		Publication date		Patent family member(s)	Publication date
US 5920806	A	06-07-1999	FR EP JP	2739517 A1 0766438 A1 9191337 A	04-04-1997 02-04-1997 22-07-1997
DE 29912828	U	11-11-1999	US DE	6397086 B1 29912828 V1	28-05-2002 11-11-1999
US 5542102	A	30-07-1996	CA FR GB JP	2153537 A1 2723283 A1 2292042 A ,B 8065741 A	02-02-1996 02-02-1996 07-02-1996 08-03-1996
GB 2308775	Α	02-07-1997	JP AU AU	9187060 A 704782 B2 7540296 A	15-07-1997 06-05-1999 03-07-1997
****				7010250 11	
					•
				·	
					•
				Patent Office, No. 12/82	